

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuel cell separator characterized by comprising:

a separator substrate made of metal which has at least one open portion through which a fluid can pass provided in a predetermined position; and

a film coating member that coats a predetermined area including the open portion of the separator substrate, wherein ~~a portion of the film coating member that corresponds to at least a peripheral edge portion of the open portion is adhesion treated~~ adheres to at least a portion of the separate substrate.

2. (Currently Amended) The fuel cell separator according to claim 1,

characterized in that the separator substrate is provided with a front surface and a back surface, a pair of the film coating members are provided on the front and back surfaces, and ~~the portion of the pair of the film coating members that corresponds to at least the peripheral edge portion of the open portion is adhesion treated~~ adheres to a portion of the separator corresponding to at least a peripheral edge portion of the open portion.

3. (Currently Amended) The fuel cell separator according to claim 1,

characterized in that the film coating member is adhesion treated by the adhesion treatment is ~~a~~ at least one treatment selected from the group consisting of heat welding, high-frequency welding, ultrasonic welding, and adhesion by an adhesive.

4. (Previously Amended) The fuel cell separator according to claim 1,

characterized in that the film coating member is made from at least one material selected from the group consisting of resin material and elastomer material.

5. (Previously Amended) The fuel cell separator according to claim 1, characterized in that the separator substrate is made from one or more materials selected from the group consisting of SUS310, SUS304, SUS316, and titanium.

6. (Previously Amended) The fuel cell separator according to claim 1, characterized in that the separator substrate is surface treated with at least one metal selected from the group consisting of gold and chrome.

7. (Currently Amended) A manufacturing method of the fuel cell separator according to claim 1, characterized by comprising the step of:

~~adhesion treating a portion of adhering the film coating member that corresponds to at least a peripheral edge portion of the open portion to a portion of the separator substrate.~~

8. (Currently Amended) The manufacturing method of a fuel cell separator according to claim 7, characterized by including a thermo-compression process in the ~~adhesion treatment~~~~adhering~~ step, in which a press temperature is 150 to 250°C, a press pressure is 20 to 200kgf/cm<sup>2</sup>, and a press time is 0.2 to 20 minutes.

9. (Previously Amended) A fuel cell comprising:

a plurality of the fuel cell separators according to claim 1.

10. (Currently Amended) A vehicle comprising:

the fuel cell according to claim 9.

11. (New) The fuel cell separator according to claim 1, wherein the film coating member adheres to a portion of the separator corresponding to at least a peripheral edge portion of the open portion.

12. (New) The fuel cell separator according to claim 11, wherein the film coating member adheres to the peripheral edge portion of the open portion.

13. (New) The fuel cell separator according to claim 2, wherein the pair of the film coating members adheres to at least the peripheral edge portion of the open portion.

14. (New) The manufacturing method according to claim 7, wherein the film coating member is adhered to a portion of the separator substrate corresponding to at least a peripheral edge portion of the open portion.

15. (New) The manufacturing method according to claim 14, wherein the film coating member is adhered to the peripheral edge portion of the open portion.